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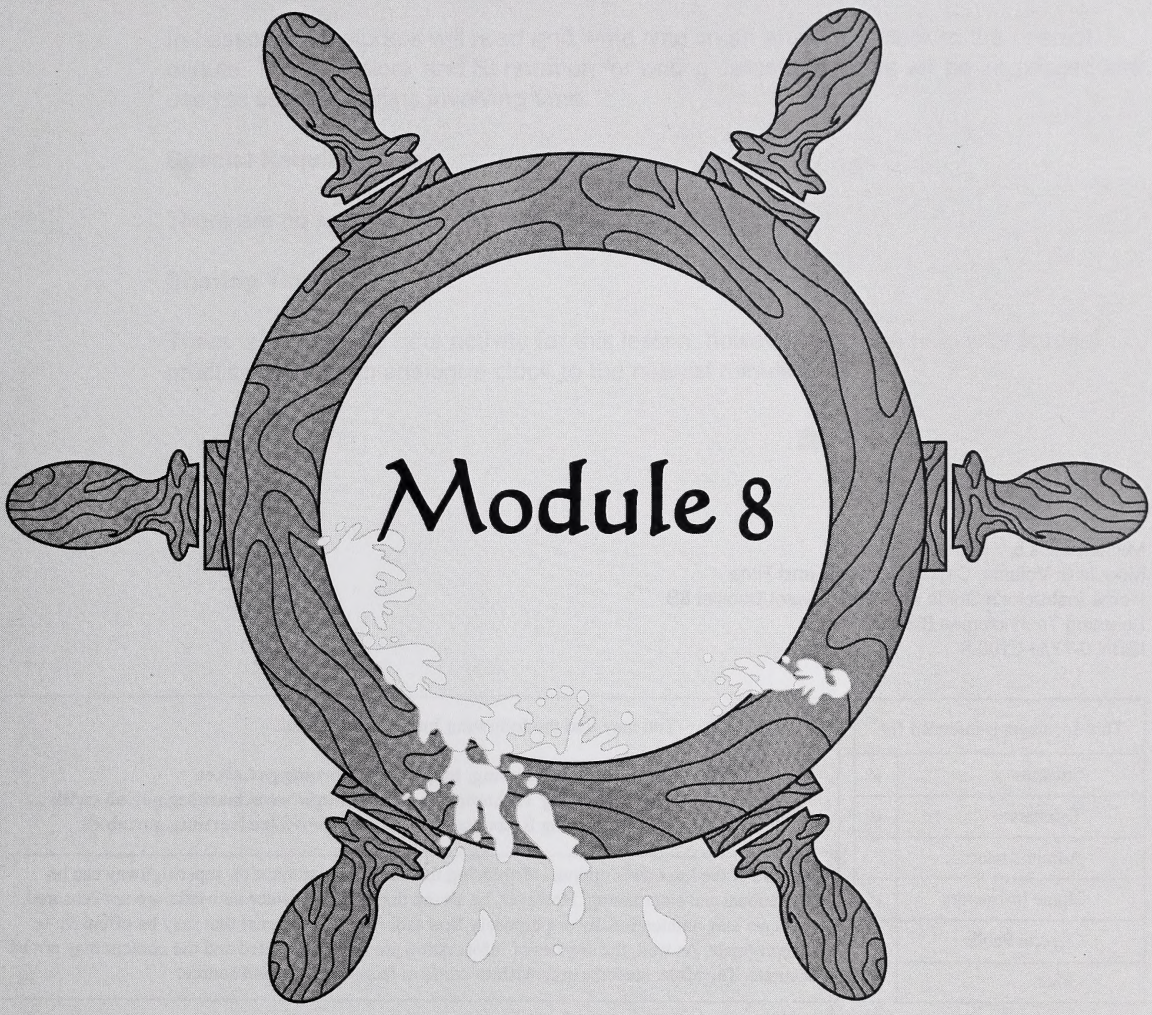
Mathematics 5



Home Instructor's Guide and Assignment Booklet 8B

Learning Technologies Branch

Alberta LEARNING

Mathematics 5
Module 8: Volume, Capacity, Mass, and Time
Home Instructor's Guide and Assignment Booklet 8B
Learning Technologies Branch
ISBN 0-7741-2100-9

This document is intended for	
Students	✓
Teachers	✓
Administrators	
Home Instructors	✓
General Public	
Other	

You may find the following Internet sites useful:

- Alberta Learning, **http://www.learning.gov.ab.ca**
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Lesson 3: Time

Overview

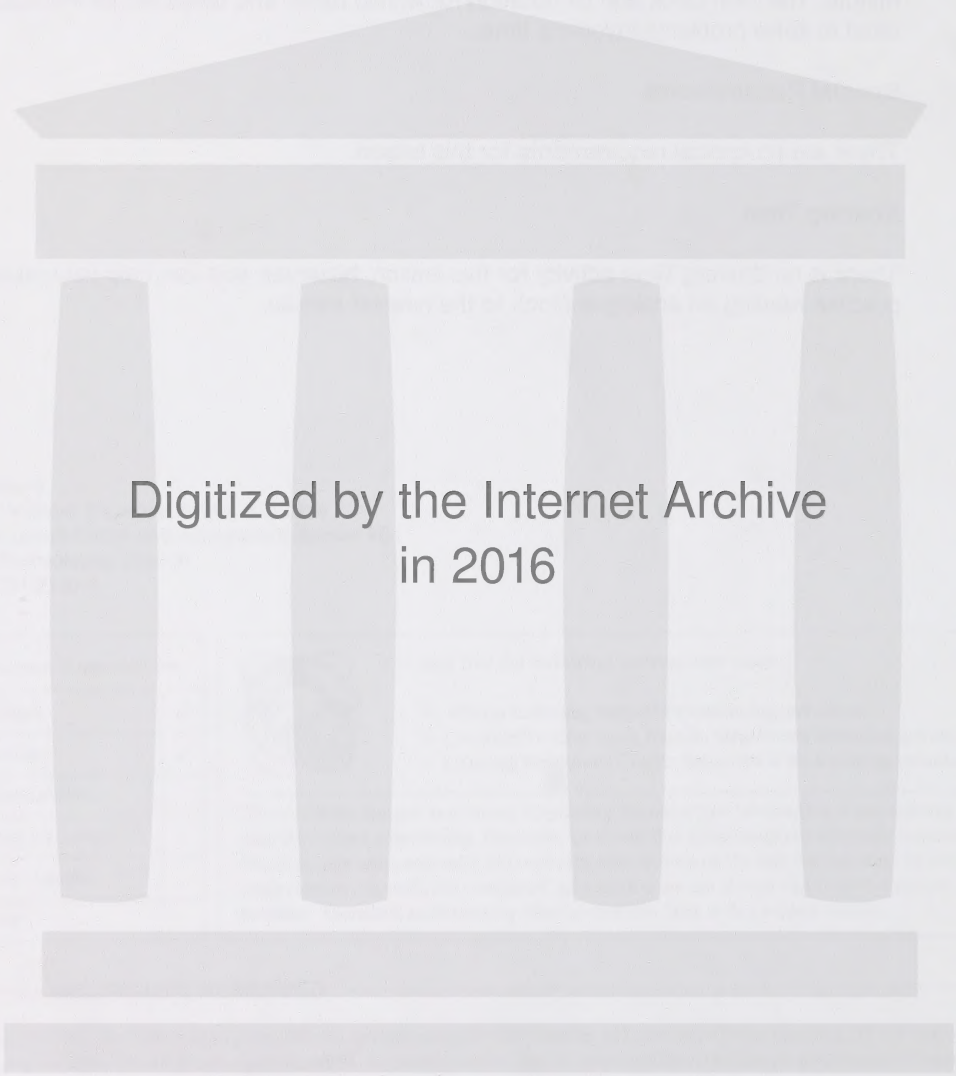
In Lesson 3 the student will read and write time on an analogue clock to the nearest minute. The 24-h clock and SI notation for writing dates and times will be introduced and used to solve problems involving time.

Special Requirements

There are no special requirements for this lesson.

Sharing Time

There is no Sharing Time activity for this lesson; however, you can help your student practise reading an analogue clock to the nearest minute.



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ASSIGNMENT BOOKLET 8B

Mathematics 5

Module 8: Lesson 3 Assignment and Numbers in the News

Home Instructor's and Student's Comments:

STUDENT FILE NUMBER
(if label is missing or incorrect)

_____

Date Submitted:

_____

Apply Module Label Here

Name

Address

Postal Code

Please verify that preprinted label is for correct course and module.

FOR SCHOOL USE ONLY

Assigned Teacher:

_____

Date Assignment Received:

_____

Grading:

_____

Teacher's Comments

_____

Teacher's Signature

Home Instructor: Keep this sheet when it is returned to you as a record of the student's progress.

INSTRUCTIONS FOR SENDING IN THIS DISTANCE LEARNING ASSIGNMENT BOOKLET

When you register for distance learning courses, you are expected to send in Assignment Booklets for corrections regularly. Try to send each Assignment Booklet as soon as you have completed it. Before sending your Assignment Booklet, please check the following:

- Are all the assignments completed? If not, explain why.
- Has your work been reread to be sure the spelling and details are correct?
- Is the record form filled out and the correct module label attached?

MAILING

1. Postage Regulations

Do **not** enclose letters with Assignment Booklets.

Send all letters in a separate envelope.

2. Postage Rates

Take your Assignment Booklet to the post office and have it weighed. Attach enough postage and seal the envelope. Assignment Booklets will travel faster if correct postage is used and if they are in large envelopes that are no more than two centimetres thick.

FAXING

1. Assignment Booklets may be faxed. Contact your teacher for the fax number.

2. All faxing costs are the responsibility of the sender.

E-MAILING

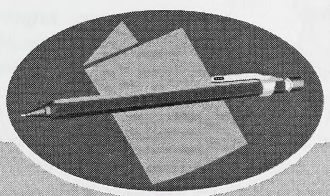
Assignment Booklets may be e-mailed. Contact your teacher for the e-mail address.

Mathematics 5

Module 8

Volume, Capacity, Mass, and Time

Assignment Booklet 8B



Learning Technologies Branch

Alberta LEARNING

FOR TEACHER'S USE ONLY

Summary

	Total Possible Marks	Your Mark
Lesson 3 Assignment	30	
Numbers in the News	10	
	40	

Teacher's Comments

Mathematics 5
Module 8: Volume, Capacity, Mass, and Time
Assignment Booklet 8B
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ASSIGNMENT BOOKLET 8B
MATHEMATICS 5—MODULE 8: VOLUME, CAPACITY, MASS, AND TIME

Your mark on this module will be determined by how well you do your assignments in the Assignment Booklets.

Work slowly and carefully. If you are having difficulties, go back and review the appropriate lessons.

There is one lesson assignment and a Numbers in the News project in this Assignment Booklet. The total value of the lesson assignment is 30 marks. The Numbers in the News project is worth 10 marks. The value of each assignment is stated in the left margin.

Be sure to proofread each assignment carefully.

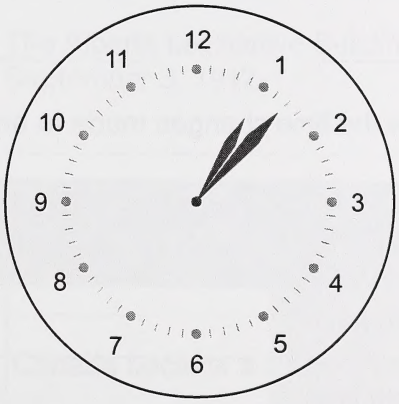
30

Lesson 3 Assignment: Time

8

1. Write the time shown on each of the following clocks.

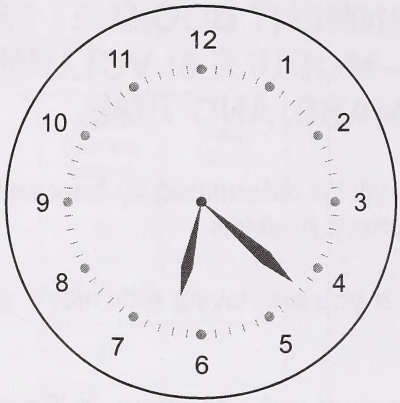
a.



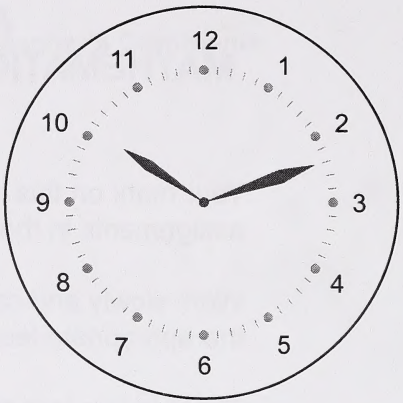
b.

_____ _____

c.



d.



(8) **2.** Write the 24-h time that is equal to each of the following 12-h times.

a. 7:48 **P.M.** **b.** 10:16 **A.M.**

c. 5:56 **A.M.** **d.** 11:23 **P.M.**

(6) **3.** Fill in the chart to show the time changes made to an airline schedule.

Flight #	Expected Time of Arrival	Change	Revised Time (24-h)	Revised Time (12-h)
974	16:30	10 min early		
002	12:00	35 min late		
552	02:55	15 min early		

(3)

4. On December 20, 2000, the sun rose in Edmonton at 8:48 **A.M.** and it set at 4:15 **P.M.**

a. Write the date and time of the sunrise using SI notation.

_____

b. Write the date and time of the sunset using SI notation.

_____

c. Find the length of daytime in hours and minutes.

(5)

5. Write the following historical dates using SI notation.

a. Alberta became a province on September 1, 1905.

_____

b. The Alberta Legislative Building opened in Edmonton on September 3, 1912.

_____

c. The Canadian national anthem, *O Canada*, was first performed on June 24, 1880.

_____

d. Canada became a country on July 1, 1867.

_____

e. Alex Rutherford became Alberta's first Premier on September 2, 1905.

_____

10

NUMBERS IN THE NEWS

Go through the scavenger hunt list for Module 8 to make sure you have clipped at least one example for each question. Ask your home instructor to check the samples you found. Choose the samples you wish to use, and label each one with the scavenger hunt number it matches. Organize your samples and put them together with any other information requried. Submit your project with this assignment booklet.

Ask yourself the following questions:

- Is my Numbers in the News project complete (Have I included all my samples)?
- Do my samples show the ideas clearly (Are my examples appropriate)?
- Did I take care to be neat when organizing and labelling my work?

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